

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/12328

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D277/20 C07D501/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

X	CHEMICAL ABSTRACTS, vol. 123, no. 13, 25 September 1995 (1995-09-25)	1,2,5-7, 13
---	---	----------------

X	<p>KOYANAGI S. ET AL: "Preparation of heterocycles for side chains of cepheids" XP002234210 abstract & JP 07 097368 A (TOKUYAMA KK) 11 April 1995 (1995-04-11)</p> <p>US 5 589 594 A (DEFOSSA ELISABETH ET AL) 31 December 1996 (1996-12-31) cited in the application claims; examples 2-5</p> <p style="text-align: center;">-/-</p>	1,2,5-7, 13-16
---	---	-------------------

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

11 March 2003

Date of mailing of the International search report

21/03/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Chouly, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/12328

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHEMICAL ABSTRACTS, vol. 127, no. 24, 15 December 1997 (1997-12-15) Columbus, Ohio, US; abstract no. 331464, ZHU Y ET AL: "Improved synthesis of (Z)-2--(2-aminothiazol-4-yl)-2-trityloxyim inoacetic acid" XP002234211 abstract & ZHONGGUO YIYAO GONGYE ZAZHI , vol. 28, no. 6, 1997, pages 270-271, CHINA	1,2,5-7, 13
Y	CHEMICAL ABSTRACTS, vol. 124, no. 25, 17 June 1996 (1996-06-17) Columbus, Ohio, US; abstract no. 343292, IWASAKI F. ET AL: "Method for producing 2-(2-aminothiazol-4-yl)-2-acetoxyminoacet ic acid and its derivative" XP002234212 abstract & JP 08 041041 A (TOKUYAMA CORP.) 13 February 1996 (1996-02-13)	1,2,5-7, 13
Y	WO 92 07840 A (TAISHO PHARMA CO LTD ;SAGAMI CHEM RES (JP)) 14 May 1992 (1992-05-14) page 1 -page 4; claims	1,2,5-7, 13
A	US 4 935 508 A (OKITA TAKAAKI ET AL) 19 June 1990 (1990-06-19) cited in the application the whole document	1-16
A	US 5 637 721 A (DEFOSSA ELISABETH ET AL) 10 June 1997 (1997-06-10) cited in the application the whole document	1-16
A	EP 0 849 269 A (HOFFMANN LA ROCHE) 24 June 1998 (1998-06-24) cited in the application claims	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/12328

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 07097368	A	11-04-1995	NONE	
US 5589594	A	31-12-1996	US 5637721 A AT 184609 T CA 2089441 A1 DE 59309776 D1 DK 555769 T3 EP 0555769 A2 ES 2137201 T3 FI 930604 A GR 3032076 T3 HU 64350 A2 JP 6009650 A KR 265191 B1	10-06-1997 15-10-1999 15-08-1993 21-10-1999 20-03-2000 18-08-1993 16-12-1999 15-08-1993 31-03-2000 28-12-1993 18-01-1994 15-09-2000
JP 08041041	A	13-02-1996	NONE	
WO 9207840	A	14-05-1992	WO 9207840 A1	14-05-1992
US 4935508	A	19-06-1990	EP 0355821 A2 JP 2073090 A JP 2077835 C JP 7091304 B JP 7179445 A	28-02-1990 13-03-1990 09-08-1996 04-10-1995 18-07-1995
US 5637721	A	10-06-1997	US 5589594 A AT 184609 T CA 2089441 A1 DE 59309776 D1 DK 555769 T3 EP 0555769 A2 ES 2137201 T3 FI 930604 A GR 3032076 T3 HU 64350 A2 JP 6009650 A KR 265191 B1	31-12-1996 15-10-1999 15-08-1993 21-10-1999 20-03-2000 18-08-1993 16-12-1999 15-08-1993 31-03-2000 28-12-1993 18-01-1994 15-09-2000
EP 0849269	A	24-06-1998	EP 0849269 A1 AT 220402 T AU 729653 B2 AU 4846397 A BR 9705650 A CA 2224438 A1 CN 1347882 A CN 1347883 A CN 1347884 A CN 1325850 A CZ 9704057 A3 DE 69713865 D1 DE 69713865 T2 DK 849269 T3 ES 2179996 T3 HR 970691 A1 HU 9702474 A2 JP 3264877 B2 JP 10182657 A JP 2002060390 A	24-06-1998 15-07-2002 08-02-2001 25-06-1998 25-05-1999 19-06-1998 08-05-2002 08-05-2002 08-05-2002 12-12-2001 15-07-1998 14-08-2002 20-02-2003 28-10-2002 01-02-2003 31-10-1998 30-11-1998 11-03-2002 07-07-1998 26-02-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/12328

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0849269	A	NO 975901 A	22-06-1998
		NZ 329363 A	28-01-1999
		PL 323854 A1	22-06-1998
		PT 849269 T	29-11-2002
		TR 9701643 A2	21-07-1998
		TW 415949 B	21-12-2000
		US 5981519 A	09-11-1999
		ZA 9711214 A	19-06-1998